

by selectively placing the read pointer, wherein the portion is aligned with the start address.

17. The graphics display system of claim 14 wherein the direct memory access module is used to transfer the raw graphics data from memory starting at a new start address, wherein the new start address is the address that is immediately prior to a current start address.

18. The graphics display system of claim 17 wherein the blanking out means is used to blank out one or more pixels from a portion of the raw graphics data by selectively placing the read pointer, wherein the portion is aligned with the new start address.

19. The graphics display system of claim 16 wherein the read pointer is placed at a location of the first pixel to be displayed.

20. The graphics display system of claim 18 wherein the read pointer is placed at a location of the first pixel to be displayed.

#### REMARKS

Claims 1-20 have been allowed by the Examiner. Applicants appreciate the allowance of claims 1-20. However, applicants noticed that claims 1 and 7 should be amended slightly to correct a minor clerical error.

Claim 1 as allowed recites:

"1. A method of horizontally scrolling a display window to the left comprising the steps of:

blanking out one or more pixels at a beginning of a portion of graphics data by placing a read pointer at a location after said portion, the portion being aligned with a start address; and

displaying the graphics data starting at the read pointer placed at a first non-blanked out pixel in the portion of the graphics data aligned with the start address."

However, claim 1 should be clarified because the read pointer should be placed after said "one or more pixels at a beginning of a portion" and not after "said portion," for "blanking out one or more pixels at a

beginning of a portion" and for "displaying the graphics data starting at the read pointer placed at a first non-blanked out pixel in the portion." Applicants, therefore, propose to clarify claim 1 by amending it as follows:

"1. A method of horizontally scrolling a display window to the left comprising the steps of:

blanking out one or more pixels at a beginning of a portion of graphics data by placing a read pointer at a location after said [portion] one or more pixels, the portion being aligned with a start address; and

displaying the graphics data starting at the read pointer placed at a first non-blanked out pixel in the portion of the graphics data aligned with the start address."

Similarly, claim 7 as allowed recites:

"7. A method of horizontally scrolling a display window to the right comprising the steps of:

moving a read pointer to a new start address that is immediately prior to a current start address;

blanking out one or more pixels at a beginning of a portion of graphics data by placing the read pointer at a location after said portion, the portion being aligned to the new start address; and

displaying the graphics data starting at the read pointer at a first non-blanked out pixel in the portion of the graphics data aligned with the new start address."

And applicants propose the following amendment:

"7. A method of horizontally scrolling a display window to the right comprising the steps of:

moving a read pointer to a new start address that is immediately prior to a current start address;

blanking out one or more pixels at a beginning of a portion of graphics data by placing the read pointer at a location after said [portion] one or more pixels, the portion being aligned to the new start address; and

displaying the graphics data starting at the read pointer at a first non-blanked out pixel in the portion of the graphics data aligned with the new start address."

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Applicants do not believe the amendment to claims 1 and 7 would require additional search or examination because claims 1 and 7 already recite "displaying the graphics data starting at the read pointer [placed] at a first non-blanked out pixel in the portion of the graphics data aligned with . . .," thereby disclosing that the read pointer is placed at a location after said "one or more pixels" at "a first non-blanked out pixel in the portion."

Applicant respectfully submit that claims 1 and 7 as amended are still allowable since the amendment merely clarifies that the read pointer is placed at a location after said "one or more pixels," and not after "said portion." Otherwise, "after said portion" limitation may be unclear when taken together with the limitation of "displaying the graphics data starting at the read pointer [placed] at a first non-blanked out pixel in the portion" because the read pointer cannot be placed at a location "after said portion" and still point to "a first non-blanked out pixel in the portion."

Applicants also respectfully submit that these amendments were not submitted earlier because applicants noticed the clerical error while reviewing the claims after receiving the Notice of Allowance.


Based on the foregoing, applicants respectfully request that the amendment to claims 1 and 7 be entered and that the allowance of claims 1-20 be maintained. If the Examiner believes that a telephone conference with applicants' attorney is necessary, the Examiner is invited to call at the telephone number indicated below.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

1. (Twice Amended) A method of horizontally scrolling a display window to the left comprising the steps of:

blanking out one or more pixels at a beginning of a portion of graphics data by placing a read pointer at a location after said [portion] one or more pixels, the portion being aligned with a start address; and

displaying the graphics data starting at the read pointer placed at a first non-blanked out pixel in the portion of the graphics data aligned with the start address.

7. (Twice Amended) A method of horizontally scrolling a display window to the right comprising the steps of:

moving a read pointer to a new start address that is immediately prior to a current start address;

blanking out one or more pixels at a beginning of a portion of graphics data by placing the read pointer at a location after said [portion] one or more pixels, the portion being aligned to the new start address; and

displaying the graphics data starting at the read pointer at a first non-blanked out pixel in the portion of the graphics data aligned with the new start address.